

American Cyanamid Company Agricultural Division P.O. Box 817 Hannibal, MO 63401 (314) 769-2011

Certified Mail
P 119 168 888
February 29, Pet CE IV

Missouri Department of Natural Resources Hazardous Waste Program Biennial Report P. O. Box 176, 205 Jefferson Jefferson City, MO 65101 HAZARDOUS WASTE PROGRAM MISSOURI DEPARTMENT OF NATURAL RESOURCES

RE: RCRA Biennial Report

Gentlemen:

In accordance with the instructions we received in a letter from John C. Beard, Chief, Budget and Planning Section dated December 1, 1995, enclosed please find one completed copy of the U.S. Environmental Protection Agency 1993 Hazardous Waste Report for American Cyanamid Company's Hannibal, Missouri, manufacturing facility.

If you have any questions with regard to information contained in this report or require additional information, please contact me at 1-573-769-2011, Ext. 2268.

Sincerely,

AMERICAN CYANAMID COMPANY Agricultural Products Division

J. Brad Willett, P.E. Manager, Environmental Services

dep
enclosures
jbw\95bienn.doc

cc: Mr. C. S. Decker

R00070076

RCRA Records Center

Line

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME:

- AMERICAN CYANAMID CO.

· STATE RT. 168 & JJ SPUR

EPA ID NO:

SOUTH RIVER, MO 63461

MOD050226075



1 1996

PROTECTION AGENCY

HAZARDOUS WASTE PINGS Mazardous Waste Report

FORMUNI L RESUURCES

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 9 of the 1995 Hazardous Waste Report booklet before completing this form.				
Sec. I Site name and location address. Complete A through H. Check the box 🗆 in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 10.				
A. EPA ID No. Same as label Œor → [B. County Marion			
C. Site/company name Same as label ⊠ or →	D. Has the site name associated with this EPA ID changed since 1993? 1 Yes 2 No			
E. Street name and number. If not applicable, enter industrial park, building name, or other Same as label \square or $\to~3150~Highway~JJ$	physical location description.			
F. City, town, village, etc. Same as label □ or → Palmyra G. State Same as label M_O H. Zip Code Same as label Same as label 6, 3, 4, 6, 1,				
Sec. II Mailing address of site. Instruction page 10.				
A. Is the mailing address the same as the location address? 1 Yes (SKIP TO SE 2 No (GO TO BOX				
B. Number and street name of mailing address				
C. City, town, village, etc.	D. State E. Zip Code			
Sec. III Name, title, and telephone number of the person who should be contacted if	questions arise regarding this report. Instruction page 10.			
A. Please print: Last Name First name M.I. Willett J. Brad	B. Title Manager, Env- ironmental Services C. Telephone [5,7,3] [7,6,9] - [2,0,1,1] Extension [2,2,6,8]			
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."				
A. Please print: Last Name First name M.I. Warren D. E.	B. Title Plant Manager			
C. Signature DE Carri	D. Date of signature O.Z. 27. 94 MO. DAY YR.			

EPA ID NO:				L 1 1
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Sec.V - G	enerator St	atus	. Instruction page	s 10, 12.							-
· · · · · · · · · · · · · · · · · · ·											
		5	а	8							
A. 1995 F	RCRA genera	tor s	status	B. Reason for	not generating			,			
,011E0K 0	NE DOV DE	014/1	. '	CUTCV ALL T	HAT ARRIV	٠.,				**	
(CHECK U	NE BOX BEL	.UW)		CHECK ALL T	HAI APPLI)						
OX 1 LOG				□ 1 Never ger	erated	□ 5 P	eriodic or occ	casional (generator		
□ 2 SQG		P to	SEC. VI	□ 2 Out of bu			laste minimiza				
□ 3 CESO	-	ontin	ue to Box B)		ided or delisted waste hazardous waste	- 7 0	ther (SPECIF)	Y CUMM	ENTS IN BOX	BELOW)	
U 4 NOII 9	generator (C	UITCIII	de to bux b/	S 4 Only non-	lazaruous waste						
0 111 0	0:- 11	4. 1	Lancard Canada	la atomatica.	12 14	, , , , , , , , , , , , , , , , , , , ,					
Sec.VI - U	In-Site Was	te N	lanagement Status	. instruction p	,			,			
A. Storage	subject to	RCR	A permitting requirer	nents	B. Treatment, disposal,	, or recycling	subject to F	RCRA per	mitting	C. RCRA-exempt treatment, dis	sposal, or recycling
			7		requirements					1	I
		Ŀ	4			<u> 3 </u>					
Sec.VII - V	Waste Mini	miza	tion Activity durin	g 1994 or 199	5. Instruction pages 1	4, 15.					
Δ Did this	site henin (or ex	pand a source reduc	tion activity	B. Did this site begin o	r evnand a	recycling acti	vity durin	n 1994 or	C. Did this site systematically	investigate opportunities
CONTRACTOR CARDON	4 or 1995?		puno a <u>socioto rocco</u>	<u></u>	1995?	, oxpana a ;	oot only	,	.g .cc. c.	for source reduction or recyclin	
□ 1 Yes					□ 1 Yes					⊠ 1 Yes	
St 2 No					⊠ 2 No					□ 2 No	
D. Did any	of the fact	ors li	sted below delay or	limit this site's	ability to initiate new o	or additional	source reduc	tion activ	ities in 1994	or 1995?	
(CHECK YE	S OR NO FO	OR E	ACH ITEM)								
Yes	No										
<u> </u>	▼ 2	a.	Insufficient capi	tal to install ne	w source reduction equi	pment or im	plement new	source r	eduction pract	tices	
□ 1 1	≅ 2	b.			n source reduction techn						
DX 1	□ 2 □ 2	c. d.			ically feasible: cost savi ay decline as a result o			t or prod	luction will no	ot recover the capital investment	
<u>×</u> 1	□ 2	е.	•		duction processes	. 300100 7001	0011011				
X 1	□ 2	f.	Permitting burde								
区 1 区 1	□ 2 □ 2	g.			lemented - additional red lemented - additional red						
S 1	□ 2	h. i.			lemented - additional red lemented - additional red						
0 1	□ 2	j.	Other (SPECIFY				not appear	10 00 100	0.0.0 000 to p	sammening requirements	
E. Did any	of the facto	rs lis	ted below delay or	limit the site's	ability to initiate new or	additional o	on-site or off-	site recv	cling activities	during 1994 or 1995?	
(CHECK YE	S OR NO FO	IR EA	ACH ITEM)	•						•	
Yes	No					Yes	No				
<u> </u>	<u>ex</u> 2	a.	Insufficient capital	to install new r	ecycling equipment or	M 1	<u> </u>	g.	Technical lin	mitations of production processe	s inhibit shipments off-
	***		implement new rec						site for recy		
- 1	2 2	b.	Lack of technical in applicable to this s			⊠ 1 ⊠ 1	□ 2 □ 2	h. i		nitations of production processe. Jurdens inhibit recycling	s inhibit on-site recycling
DX 1	2	C.	Recycling is not ec			_ 1	□ 2	i. j.	_	nurgens inflight recycling mitted off-site recycling facilities	
		-	in waste manageme	5700 8 5 50		EX 1	2	k.	7100 Accept Book 3000000	lentify a market for recycled ma	
			investment			DE 1	2	I.	Recycling pr	reviously implemented - additiona	
DX: 1	2	d.		ct quality may	decline as a result of	per 1	Per A	ganer		e technically feasible	d sameline description
OX. 1	□ 2	e	recycling Requirements to ma	nifest wastes i	nhihit shinments of	DEC 1	DE 2	m.		eviously implemented - additiona e economically feasible	ii recycling does not
		٥.	off-site for recycling		art ampinionts UI	- 1	E 2	n.	Commence of the second	e economically reasone reviously implemented - additiona	I recycling does not
□ 1	□ 2	f.		•	shipments off-site for				appear to be	e feasible due to permitting requ	irements
			recycling	•		□ 1	□ 2	0.	Other (SPEC	IFY COMMENTS IN BOX BELOW	/)
Comments:											

Page 2 of 11

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME:

American Cyanamid Company
Hannibal Plant

EPA ID NO:

[M | O | D | 0 | 5 | 0 | 2 | 2 | 6 | 0 | 7 | 5 |



U.S. ENVIRONMENTAL PROTECTION AGENCY

1995 Hazardous Waste Report



INSTRUCTIONS: Read the o	letailed instructions beginning or	page 16 of the 1995 Hazardo	us Waste Report bookle	t before complet	ing this f	orm.
Aqueou manufa B. EPA hazardous waste code D 0 0 3, LE	P ₁ O ₁ O ₁ D ₁ P ₁ O	F 0 0 5, 4 K 0 3 8, 2 F ₁ O ₁ O ₁ 3	C. State hazardous wa L!I G. Point of measureme Page 20.	nste code Page , NA nt H. Form co	19.	nidazolinone N_A_ RCRA - radioactive mixed Page 20.
2,0,7,5	Type LM N A	[A ₁ 3 7]	4	LB_11_(711	
Instruction Page Instru	4,3,.0,	<u> </u>	ON-SITE PROCESS SYS	• [N A] sal □ 2 sg	site, dispo sewer/POT \$2 1 Yes \$2 No	s site do any of the following to this waste: treat on se on site, recycle on site, or discharge to a W? Page 21. (CONTINUE TO SYSTEM 1) (SKIP TO SEC. III)
On-site process system type Page 22. LM_ O ₁ 4 1	Quantity treated, dispos in 1995		On-site process system Page 22.	ir	1995	N_A
Sec.III A. Was any of Instruction page	this waste shipped off-site in 1 e 22.	995	and tomation of	•	2	
Site 1	B. EPA ID No. of facility wast Page 23.		C. System type shipped Page 23.	D. Off-site availability Page 23.	. 1000 P	E. Total quantity shipped in 1995 Page 23.
Site 2	B. EPA ID No. of facility wast Page 23.	e was shipped to	C. System type shipped Page 23.	D. Off-site availability Page 23.		E. Total quantity shipped in 1995 Page 23.
Instruction pag	tivities in 1995 result in minimiz e 24.		(CONTINUE TO BOX B) (THIS FORM IS COMPLE	TE)		
B. Activity Page 24.	C. Other effects Page 25. □ 1 Yes □ 2 No	D. Quantity recycled in 1995 of Page 25.	L.	. Activity/produc ndex Page 25.		995 source reduction quantity Page 26.
Comments: Sectio	on I. H. (B113 a	nd B207)				

BEFORE COPYING	FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:
SITE NAME:	American Cyanamid Company Hannibal Plant
EPA ID NO:	<u>M 10 1 D 1 0 1 5 1 0 1 2 1 2 1 6 1 0 1 7 1 5 1 </u>



PROTECTION AGENCY 1995 Hazardous Waste Report

U.S. ENVIRONMENTAL



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INSTRUCTIONS: Read the o	detailed instructions beginning on page 16 of the 1995 Hazardo	us Waste Report booklet before completing this form.
Residence of the second	The state of the s	A STATE OF THE STA
Aqueo	ription Instruction page 18. us and organic wastes from the zolinones	production of pendamethalin and
B. EPA hazardous waste code	e Page 19.	C. State hazardous waste code Page 19.
	<u> 0 2 1</u> <u>D 0 2 8</u> F 0 0 2	
D 0 0 2, U 2 2 0	0,0,3, [F,0,0,5, [U,1,6,1]	_ , , , N,A, _ , , , N,A,
D. SIC code Page 19.	E. Origin code 1 Page 19 F. Source code Page 20.	G. Point of measurement H. Form code I. RCRA - radioactive mixed Page 20.
2,8,7,9	System Type $\lfloor M_{\perp} \mid N_{\perp} A_{\perp} \rfloor$ $\lfloor A_{\perp} \mid 3_{\perp} \mid 7_{\parallel} \rfloor$	Page 20. LB_1_0_1 LB_1_0_1
Sec. II A. Quantity ge Instruction Pag	ge 21. B. Quantity generated in 1995 Page 21.	C. UOM Density Page 21. D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
11,4,2,8,	9,0,0	2 N A N A EX 1 Yes (CONTINUE TO SYSTEM 1) 1 Ibs/gal 2 sg 2 No (SKIP TO SEC. III)
ON SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2
On-site process system type	Quantity treated, disposed, or recycled on site	On-site process system type Quantity treated, disposed, or recycled on site
Page 22. _M_ O_ 4_ 1	in 1995 1 5 6 9 3 8 • 0	Page 22. in 1995 _ M N_ A
Sec.III A. Was any of	this waste shipped off-site in 1995	TO DOV D
Instruction pag	Table 1997 The Control of the Contro	mag tomor. W
Site 1	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to D. Off-site E. Total quantity shipped in 1995 Page 23. Page 23.
	age 23.	Page 23.
Site 2	B. EPA ID No. of facility waste was shipped to	C. System type shipped to D. Off-site E. Total quantity shipped in 1995
	Page 23.	Page 23. availability code Page 23.
		Page -23.
Instruction pag		(THIS FORM IS COMPLETE)
B. Activity Page 24.	C. Other effects Page 25. D. Quantity recycled in 1995 Page 25.	due to new activities E. Activity/production F. 1995 source reduction quantity Page 26.
r _M TTT r _M TTT	□ 1 Yes	,
ſ _M TTT ſ _M TTT	□ 2 No	
10	The second of th	The state of the s
Comments: Sec. I.	H (B113 and B207)	

SITE NAME:

American Cyanamid Company

Hannibal Plant

EPA ID NO:

M, O, D, O, 5, O, (2, 2, 6, 0, 7, 5)



U.S. ENVIRONMENTAL PROTECTION AGENCY

1995 Hazardous Waste Report

FORM GM

				,		
INSTRUCTIONS: Read the d	etailed instructions beginning on	page 16 of the 1995 Hazardo	us Waste Report booklet	t before comple	ting this for	m.
Miscel	iption Instruction page 18. Llaneous solid v anufacture of pe		s and non-ha	azardous	mixed	l) from the formulation
B. EPA hazardous waste code	Page 19.	D 0 0·1, 3u D 0 0 7,	C. State hazardous wa	ste code Page	19.	
F 0 0 5, D	0,2,1, D,0,2,8	B ₁ P ₁ O ₁ 9 ₁ 4 ₁		, , N, A	لــــا ك	
D. SIC code Page 19.	E. Origin code $\lfloor \underline{1} \rfloor$ Page 19 System Type $\lfloor \underline{M} \rfloor = \lfloor \underline{N} \rfloor A \rfloor$	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form c Page 20. LB_6		RCRA - radioactive mixed Page 20.
Instruction Pag			C. UOM Page 21.	Density N A	site, dispose sewer/POTW	site do any of the following to this waste: treat on on site, recycle on site, or discharge to a ?? Page 21.
ON-SITE PROCESS SYSTEM 1	5,0,.8	1 1 13,1,0	□ 1 lbs/g	al □ 2 sg	□ 2 No (S	KIP TO SEC. III)
On-site process system type Page 22. LM 0 4 3	Quantity treated, dispose in 1995		On-site process system Page 22.	type	in 1995	ated, disposed, or recycled on site $oxed{oxed{N_{oxed{L}}}}$. $oxed{oxed{N_{oxed{L}}}}$
Sec.III A. Was any of Instruction page	this waste shipped off-site in 1 e 22.	995 № 1 Yes (CONTINUE □ 2 No (SKIP TO SE	STANDARD COMMISSION CO			
Site 1	B. EPA ID No. of facility wasted Page 23.	. ***	C. System type shipped Page 23.	availability	code P	Total quantity shipped in 1995 age 23.
Site 2	B. EPA ID No. of facility waste Page 23.		C. System type shipped Page 23.	D. Off-site availability Page 23.	code Pa	Total quantity shipped in 1995 age 23.
Sec. IV 3.A. Did new activities in 1995 result in minimization of this waste? Instruction page 24. \$\mathbb{S}\$\text{2}\$ No (THIS FORM IS COMPLETE)						
B. Activity Page 24.		D. Quantity recycled in 1995 of Page 25.	1	. Activity/produ ndex Page 25.	ction F. 199	5 source reduction quantity Page 26.
	□ 1 Yes □ 2 No			•		
Comments: Section I Box F & H: Heels from process, sludges from tank and process equipment, cleaning, house keeping debris, and laboratory wastes.						

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME:

Hannibal Plant

EPA ID NO:

M; O; D; [0, 5, 0] [2, 2, 6, [0, 7, 5]



U.S. ENVIRONMENTAL PROTECTION AGENCY

1995 Hazardous Waste Report

FORM GM

INSTRUCTIONS: Read the	detailed instructions beginning on	page 16 of the 1995 Hazardo	us Waste Report booklet b	efore completing this	form.
(Francisco e e e e e e e e e e e e e e e e e e e	Parameter Control of the Control of			***	A CONTRACTOR OF THE CONTRACTOR
	cription - Instruction page 18.			_	To the second se
Misce	llaneous waste r	esidues from sp	oill/release	clean-up.	
B. EPA hazardous waste code	e Page 19.		C. State hazardous wast	e code Page 19.	5
D O O 1 D	0 2 1 D 0 2 8	_ U 1 6 1,			
	0 0 2 F 0 0 3				
D003 F	0 9 4 K 0 3 8	T LIOIOIS		ı ıNıAı Lı	ııNıAı.
D. SIC code Page 19.	E. Origin code 1 Page 19		G. Point of measurement		I. RCRA - radioactive mixed Page 20.
[2,8,7,9]	System	_[A] 5 ₁ 3 ₁	Page 20.	Page 20. LB_3 0 1	
[2 0 7 3]	Type LM I N A	[¥]3]3]		[B]3 0 1	
Sec. II A. Quantity ge	enerated in 1994 B. Quantity ger	perated in 1995	IC. UOM	Density D. Did ti	nis site do any of the following to this waste: treat on
Instruction Pa	150 150		Page 21.	site, disp	oose on site, recycle on site, or discharge to a
			2, N,A,.	NΙΔ	DTW? Page 21.
5	1, 5, . 4,	1 1 4 6 6		B 1 16	s (CONTINUE TO SYSTEM 1) (SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1			ON-SITE PROCESS SYSTE	3	
On-site process system type	Quantity treated, dispose	d. or recycled on site	On-site process system ty	rpe Quantity	treated, disposed, or recycled on site
Page 22.	in 1995		Page 22.	in 1995	
_{LM} 0, 4, 3		1,0.0	L _M , N,A	<u> </u>	, , , , N,A,• ,
Service of the servic		A A STATE OF THE S	Production Confidence on The Confidence of the Confidence of the Confidence of the Confidence of the C		
Sec.III A. Was any of Instruction page	f this waste shipped off-site in 19 de 22.	995 30 1 Yes (CONTINUE 2 No (SKIP TO SE			
Site 1	B. EPA ID No. of facility waste		C. System type shipped t	o D. Off-site	E. Total quantity shipped in 1995
	Page 23.		Page 23.	availability code	Page 23.
	$A_1L_1D_1O_1O_1O_1$	6,2,2,4,6,4	LM 1 3 2	Page 23. 1	<u> </u>
Site 2	B. EPA ID No. of facility waste	was shipped to	C. System type shipped t	1	E. Total quantity shipped in 1995
	Page 23.	X 4	Page 23.	availability code Page 23.	Page 23.
		NA	LM, N, A	rage .23.	N_A
Sec. IV A. Did new ac	tivities in 1995 result in minimiza		(CONTINUE TO BOX B) (THIS FORM IS COMPLETE	1	
B. Activity Page 24.	Toronto a contract of the cont			3	1995 source reduction quantity Page 26.
		Page 25.		ex Page 25.	
	□ 1 Yes				
[M] [M]	□ 2 No		<u> </u>		
Comments:					
Comments.					9
				*	1

Comments:

U.S. ENVIRONMENTAL BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER: PROTECTION AGENCY American Cyanamid Company SITE NAME: Hannibal Plant 1995 Hazardous Waste Report 1 M1 O1 D1 1 O1 51 O1 1 21 21 61 1 O1 71 51 EPA ID NO: WASTE GENERATION AND MANAGEMENT INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1995 Hazardous Waste Report booklet before completing this form. Sec. I A. Waste description - Instruction page 18. Waste generated from the treatment of hazardous waste (derived from, i.e. incinerator ash, incinerator quench and refractory). B. EPA hazardous waste code Page 19. C. State hazardous waste code. Page 19. D 0 0 1 D 0 2 1 D 0 2 8 U 1 6 1, D 0 0 2 U 2 2 0 F 0 0 4 F 0 0 3 F 0 0 5 D 0 0 3 K 0 3 8 P 0 9 4 I. RCRA - radioactive mixed Page 20. G. Point of measurement D. SIC code Page 19. H. Form code Page 20. Page 20. Type LM 10 14 13 1 , 2, 8, 7, 9, 1 B 13 10 13 1 [A] 3, 9] A. Quantity generated in 1994 | B. Quantity generated in 1995 C. UOM Density D. Did this site do any of the following to this waste: treat on Sec. II site, dispose on site, recycle on site, or discharge to a Instruction Page 21. Page 21. Page 21. sewer/POTW? Page 21. 2 N A N A X 1 Yes (CONTINUE TO SYSTEM 1) 1,8,6,.2,1,8,5,.8 □ 1 lbs/gal □ 2 sg □ 2 No (SKIP TO SEC. III) ON-SITE PROCESS SYSTEM 1 ON-SITE PROCESS SYSTEM 2 Quantity treated, disposed, or recycled on site On-site process system type Quantity treated, disposed, or recycled on site On-site process system type in 1995 Page 22. in 1995 Page 22. $[M_{1}0_{1}4_{1}3_{1}]$ 1, 1, 2 M_{\perp} N_{\perp} I I I I I I NALLI A. Was any of this waste shipped off-site in 1995 X 1 Yes (CONTINUE TO BOX B) Sec.III Instruction page 22. □ 2 No (SKIP TO SEC IV) B. EPA ID No. of facility waste was shipped to C. System type shipped to D. Off-site E. Total quantity shipped in 1995 Site 1 Page 23. availability code Page 23. 1 [A ,L ,D , [0 ,0 ,0 , [6 ,2 ,2 , [4 ,6 ,4 , 1M, 1, 3, 2, 1 1 1 1 1 5 2 . 0 E. Total quantity shipped in 1995 Site 2 B. EPA ID No. of facility waste was shipped to C. System type shipped to D. Off-site availability code Page 23. Page 23. Page -23. _____N_A LM, NA $1 \quad 1 \quad 1 \quad 1 \quad N_1 A_1 \cdot 1$ Sec. IV A. Did new activities in 1995 result in minimization of this waste?

1 Yes (CONTINUE TO BOX B) Instruction page 24. X 2 No (THIS FORM IS COMPLETE) C. Other effects Page 25. B. Activity Page 24. D. Quantity recycled in 1995 due to new activities [E. Activity/production F. 1995 source reduction quantity Page 26. index Page 25. □ 1 Yes [W] [W] □ 2 No ш•ш

BEFORE COPYING	FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:	
SITE NAME:	American Cyanamid Company Hannibal Plant	
EPA ID NO:	M,O,D, [0,5,0], [2,2,6], [0,7,5]	v



U.S. ENVIRONMENTAL PROTECTION AGENCY

1995 Hazardous Waste Report

FORM GM

INSTRUCTIONS: Read the d	etailed instructions beginning on page 16 of the 1995 Hazardo	us Waste Report booklet before completing this	torm.
Established to the state of the			Signal State of the State of th
Waste	ription · Instruction page 18. e oil		
B. EPA hazardous waste code	Page 19.	C. State hazardous waste code Page 19.	
	N A N A		
	$N_1A_1 = N_1A_1 = N_1A_1$		
D. SIC code Page 19. $2_1 8_1 7_1 9_1$	E. Origin code L Page 19 F. Source code Page 20. System Type L L L L L L L L L L L L L L L L L L L	G. Point of measurement Page 20. 8 Page 20. 8 Page 20. 8 Page 20.	I. RCRA - radioactive mixed Page 20.
	Type		
Instruction Pag		Page 21. site, disp	is site do any of the following to this waste: treat on ose on site, recycle on site, or discharge to a TW? Page 21. s (CONTINUE TO SYSTEM 1)
	4,1,.1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	F-	(SKIP TO SEC. III)
ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type	Quantity treated, disposed, or recycled on site	No. 2017 (1977) 1977	treated, disposed, or recycled on site
Page 22.	in 1995	Page 22. in 1995	
LM10 4 1	3_68_		<u> </u>
Material (d. 11) and the contra	 Control of the control of the control		· Comment of the comm
Sec.III A. Was any of Instruction page	this waste shipped off-site in 1995		
Site 1	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to D. Off-site availability code	E. Total quantity shipped in 1995 Page 23.
		Page 23.	
Site 2	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to D. Off-site Page 23. availability code	E. Total quantity shipped in 1995 Page 23.
		Page -23.	
Sec. IV A. Did new acti	1005	(CONTINUE TO DOV D)	
Instruction page		(THIS FORM IS COMPLETE)	
·	C. Other effects Page 25. D. Quantity recycled in 1995 of Page 25.	tue to new activities E. Activity/production F. index Page 25.	1995 source reduction quantity Page 26.
	□ 1 Yes □ 2 No □ □ 1 L □ □ 1 L □ □ 1 L □ □ □ 1 L □ □ □ 1 L □ □ □ □		·_
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Comments:			
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BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:	U.S. ENVIRONMENTAL PROTECTION AGENCY				
SITE NAME: American Cyanamid Company Hannibal Plant	RO _{LL} V				
	1995 Hazardous Waste Report				
EPA ID NO: M O D O 5 O 2 2 6 0 7 5	FORM WASTE TREATMENT,				
*	PS DISPOSAL, OR RECYCLING PROCESS SYSTEMS				
	PROCESS SYSTEMS				
INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1995 Haz					
Sec. I A. Waste treatment, disposal, or recycling system description Incine Instruction Page 38. D028 F002 F003 F005 Instruction Page 38. D028 F002 F003 F005 Incinerator	eration of hazardous (D001, D002, D003, D021, U161, U220) and non-hazardous in two John Zink ar				
B. System type C. Regulatory status	D. Operational status E. Unit types				
Page 38. [M; 0, 4, 1] Page 39.	Page 39. Page 39. 0 3				
Sec. II A. 1995 influent quantity					
Instruction page 40.	B. Maximum operational capacity Page 41.				
Total	Total 2, 7, 2, 7, 8, 6, 0				
RCRA 1 5 6 9 3 8 0 □ 1 lbs/gal □ 2 sg	Total 2, 7, 2, 7, 8, 6, 0, RCRA 2, 7, 2, 7, 8, 6, .0				
C. 1995 liquid effluent quantity Instruction page 42.	D. 1995 solid/sludge residual quantity Page 43.				
Total 1 1 3 2 1 1 3 5 UOM Density N_A N_A	Total				
RCRA 1 1 1 1 1 1 1 1 1 1	RCRA				
E. Limitation on maximum operational capacity Page 43. F. Commercial capacity available 43.					
	1 Page 43				
Comments:					
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SITE NAME: American Cyanamid Company Hannibal Plant	U.S. ENVIRONMENTAL PROTECTION AGENCY 1995 Hazardous Waste Report
EPA ID NO: M, O, D, O, 5, O, 2, 2, 6, O, 7, 5,	PS WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS
INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1995 Haz	rardous Waste Report booklet before completing this form.
Sec. I A. Waste treatment, disposal, or recycling system description Incine Instruction Page 38. K038, F002, F003, F005, Unstruction Page 38. K038, F002, F003, F005, Unstruction Page 38. B. System type Page 38. C. Regulatory status Page 39. O 1	ration of hazardous (D001, D002, D003, P094, U161, U220) and non-hazardous waste liquids in on D. Operational status Page 39. O 1 O 3
Sec. II A. 1995 influent quantity Instruction page 40. Total $\begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 $	B. Maximum operational capacity Page 41. Total $\begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 $
C. 1995 liquid effluent quantity Instruction page 42.	RCRA
E. Limitation on maximum operational capacity Page 43. 1. $0 \cdot 1$ 2. $0 \cdot 2$ 3. $0 \cdot 6$ F. Commercial capacity available Page 43.	G. Percent capacity commercially available Page 43. O M
Comments:	

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER: SITE NAME: American Cyanamid Company Hannibal Plant	U.S. ENVIRONMENTAL PROTECTION AGENCY 1995 Hazardous Waste Report
EPA ID NO: (M,O,D, (0,5,0, (2,2,6, 0,7,5)	PS WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS
INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1995 Hazardous Waste Report booklet before completing this form.	
Sec. I A. Waste treatment, disposal, or recycling system description Incineration of hazardous (D001, D002, D003, P094, Instruction Page 38 K038, F002, F003, F005, U161, U220) and non-hazardous waste in one solid waste incinerator.	
B. System type Page 38. LM_ O ₁ 4 ₁ 3 ₂ C. Regulatory status Page 39. CO ₁ 1 ₂	D. Operational status Page 39. CO 1 CO 2 CO 3 CO 3
Sec. II A. 1995 influent quantity Instruction page 40.	B. Maximum operational capacity Page 41.
Total	Total [
C. 1995 liquid effluent quantity Instruction page 42. See comment UOM Density Total	D. 1995 solid/sludge residual quantity Page 43. UOM Density Total L
E. Limitation on maximum operational capacity Page 43. 1. $O + 1$ 2. $O + 2$ 3. $O + 6$ F. Commercial capacity availability Page 43.	G. Percent capacity commercially available Page 43.
Section II.c. The solid waste incinerator shares a common scrubbing system with the Trane incinerator describe on PS form page 11 of 11. A portion of the effluent data described on page 10 represents the solid waste incinerator contribution to the effluent flow.	